

Comments by Ron Silva, USBR
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Darryl/Ron,

My abbreviated comments:

**TFTF**

Required in order to make any improvements with any semblance of certainty to the existing fish salvage facilities in the south Delta, whether it's new screens or modifications to existing screens. Information to be derived can also be applied elsewhere.

**Improve Existing Screens**

This is a viable option especially if no new screens are going to be built. Information provided by prior, present, and future studies at Tracy, Denver, Red Bluff, Skinner, and UC Davis would help in implementing these improvements, but without the TFTF(TDFF) we would be lacking good information, thus increasing the risk associated with implementing changes at the two facilities.

**CHTR**

Good studies that should move forward but with the understanding that the focus is from the time the fish are transferred from the loading bucket to the time they are released at the release sites. Collection and handling within the facilities is being handled by the most part as part of the Bureau's Tracy Research effort.

**Clifton Court Forebay "Short Circuit" Alternative**

Personally, from an engineering standpoint I don't think this concept will ever "wash", but I understand the logic behind it, especially with the very high predation rate being experienced at CCF. Will end up being very expensive and wrought with all kinds of constructability problems. Fish benefits are hard to pin down at this time also. Good luck with this one!!

**Alternative Fish Facilities and/or Barrier Operations**

Not my area of expertise, but I think some of what is being proposed is impractical and difficult to implement. I'm not so sure ALL the fish will behave as some are expecting too. Not much more to say here...

### **South Delta Fisheries and Hydrodynamics Studies**

Good studies that should move forward but with some refinement.

Ron S.